

Amendments to the Specification

Please replace the paragraph beginning at page 48, line 22 with the following amended paragraph:

Fig. 10B is a schematic illustrating the correspondence between zinc finger domains and the recognition site sequence (SEQ ID NO:130).

Please replace the abstract at page 129 with the following amended abstract:

The disclosure describes artificial chimeric transcription factors that include at least one zinc finger ~~domains~~ domain and that can regulate cellular differentiation, for example, a neuronal cell phenotype or an osteoblast phenotype.